SHARP

MX-2600N/MX-3100N

Digital Full Colour Multifunctional System

THE **NEXT GENERATION** OF OFFICE MFPs:
SETTING NEW STANDARDS FOR **COLOUR, QUALITY** AND **PERFORMANCE**

31/26 PPM IN B/W & COLOUR

LARGE TOUCH SCREEN COLOUR CONTROL PANEL

THE NEXT GENERATION OF HIGH PERFORMANCE MULTIFUNCTION PRINTERS

Building on the success of their award-winning predecessors, the brand new Sharp MX-3100N and MX-2600N set a new standard for high performance colour MFPs.

Take their speed, for example. Capable of up to 26 or 31 pages per minute - regardless of whether you're printing in black and white or colour - these latest machines make light work of even the largest jobs.

There's less waiting around, too. A generous paper capacity; fast scanning speeds; a large colour LCD display with handy thumbnail views; a retractable keyboard; powerful productivity tools; 80 GB hard drive and an impressive range of optional upgrades: everything has been designed with efficiency in mind.

What's more, thanks to Sharp OSA® (Open Systems Architecture), you can customise the MX-3100N/ MX-2600N to automate specific business tasks - storing and managing documents, for example - for even greater efficiency.

SUPERIOR QUALITY

Quality is every bit as important as speed. And that's where these new machines really distinguish themselves. True 1200 x 1200 dpi resolution printing, matched with specially formulated toner and developer, lend a new edge of professionalism to every document you produce. And with their elegant, grained exteriors, these remarkable MFPs look great, too!

RETRACTABLE KEYBOARD

UP TO **5600** PAPER CAPACITY

MX-2600N/MX-3100N
KEY FEATURES

HIGHLY PRODUCTIVE

- Speedy output of max. 26/31 ppm
- Fast first copy time of 8.9 sec. in colour and 6.0 sec. in B/W
- Scan speed of max. 50 opm in B/W and colour
- Professional job finishing including booklet making and hole punching (option)
- Network tandem function doubles output speed
- Standard hard disk and electronic sorting for both colour and B/W
- Large paper capacity of max. 5,600 sheets
- Standard 100-sheet Reversing Single Pass Feeder (RSPF) and stackless duplex module

FULL-COLOUR MFP

- Supports most commonly used network operating systems and protocols
- Standard PCL5c/PCL6 and optional PS3 emulation
- Full-colour network scanning with scan to email/FTP/desktop/folder/USB memory, and support for XPS, JPEG, TIFF and PDF formats
- Sharpdesk™ for integrated document management on a PC
- Document filing function to instantly reuse saved jobs
- Optional Super G3 fax and Internet fax (in B/W)
- Modern looking with a new grained exterior design
- Front access USB port

SHARP'S ONE-OF-A-KIND FEATURES

- Advanced copy/print functions include book copy, proof printing, XPS/PDF/TIFF/JPEG and USB memory direct printing*[1]
- Sharp Open Systems Architecture (OSA) to customise the machine to meet exact user needs (option)
- Large touch-screen colour LCD control panel with thumbnail views for image send and document filing
- Optional retractable keyboard for data entry
- Auto Colour Selection automatically selects corresponding copy modes to match colour or B/W pages in a multi-page original containing both
- Remote access interface enables control panel to be displayed and operated on a PC

INDUSTRY-LEADING SECURITY SOLUTIONS

- Data Security Kit encrypts and erases confidential data (option)
- SSL enables data encryption for secure network communications
- Secure Network Card provides network port and protocol management as well as a firewall that prevents direct connection and access by unauthorised users
- Encrypted PDF with password protection for secure scanning and direct printing (option)
- Document Control function*[2] prevents unauthorised copying, scanning, faxing and filing of confidential documents

ENVIRONMENTALLY ADVANCED DESIGN

- Newly developed, environmentally conscious supplies (low toner consumption and long-life photoconductor)
- Industry-leading energy-saving design (1W in night-time standby for fax reception)
- Lead and chromium-free design (RoHS compliant)
- Manual power save button
- Colour thumbnail reviews

HIGH QUALITY IMAGING

- High print quality of 1200 x 1200 dpi
- New toner and developer work in synergy to enable excellent image quality
- Oil-less toner for non-glossy colour output

*[1] XPS and PDF direct printing require related option

*[2] With optional Data Security Kit

SETTING NEW STANDARDS FOR **COLOUR, QUALITY** AND **PERFORMANCE**

HIGH QUALITY PRINTING
1200 x 1200 dpi

31/26 PPM IN B/W & COLOUR

HIGH PERFORMANCE PRINTING - IN BLACK & WHITE AND **COLOUR**

Not only does the MX-2600N/MX-3100N produce documents in true 1200 x 1200 dpi resolution, but its reliable single-pass printing technology races through jobs at speeds of up to 26 or 31 pages per minute - even in colour. You can even share jobs between two machines to finish in half the time!

A powerful processor and 80 GB hard drive quickly takes care of complex graphics-rich files and useful features such as a paper capacity that expands to 5,600 sheets; automatic two-sided printing and various finishing options all make quick work of multi-page jobs.

PROFESSIONAL FINISHING OPTIONS

Now everyone can produce professional documents, thanks to a full range of automatic finishing options. Multi-position stapling, saddle-stitched booklet making, hole punching – it's all taken care of as an integrated part of the print run.

SPECIAL APPLICATIONS

For extra convenience, Form Overlay eliminates the need for pre-printed paper by storing custom document templates, and Tab Print lets you print directly onto tabs on document separators and automatically inserts them.

AT A GLANCE

- ***Efficient colour and black & white printing*** *speeds of up to 26/31 pages per minute*
- ***Superb 1200 x 1200*** *dpi resolution*
- ***Stackless duplex module*** *saves you filing space and money*
- ***Network printing*** *supports the most commonly used network operating systems and protocols*
- ***USB memory direct printing*** *- conveniently print data directly from most USB memory devices, without the need for a PC*
- ***XPS/PDF/TIFF/JPEG direct print*** **1 - save time by printing XPS, PDF, TIFF or JPEG files without using the printer driver, either by calling and printing the file directly from an FTP server, direct printing from a Web page, or direct printing of e-mail attachments*
- ***Supports PCL6 and PCL5c*** *printer language emulations with Sharp Common Graphic User Interface for ease of use*
- ***Network tandem function*** *- double the effective output speed by sharing jobs between two MFPs on the same network*
- ***Proof printing*** *- check a trial set before printing out a multi-page document in large numbers*
- ***PostScript 3 is available*** **2 for compatibility with more fonts and better graphics handling*
- ***Barcode font print compatibility*** **3*

**1 Requires optional MX-PKX1 for PDF direct printing and MX-PUX1 for XPS; may not support all XPS, PDF, TIFF and JPEG file formats.*

**2 Requires optional MX-PKX1.*

**3 Requires optional AR-PF1.*

FINISHING OPTIONS

Saddle stitching | Hole punching | Stapling

(10Base-T/100Base-TX/1000Base-T)

- Windows NT® 4.0, Windows Server® 2003
- Windows® 98/Me, Windows® 2000/XP, Windows Vista®
- Macintosh, Novell, UNIX, AS400

MX-2600N/MX-3100N – THE **NEXT GENERATION** OF OFFICE MFPs:

AUTO COLOUR
SELECTION

31/26 CPM IN
B/W & COLOUR

FAST, HIGH QUALITY **COPYING**

With speeds of up to 26/31 copies per minute you'll find copying – in black & white or colour – just as fast as printing.

The MX-2600N/MX-3100N also has a range of advanced copy functions that automatically ensure exceptional copy quality while saving you time and effort. Originals with mixed paper sizes, mixed colour and black & white documents, pages with halftone or colour backgrounds: now you can handle it all.

HIGH QUALITY IMAGING WITH NEW TONER

A good test of any copier is how accurately it reproduces the original. That's why Sharp has formulated a special new toner for the MX-2600N/MX-3100N that excels at reproducing accurate, natural-looking colours, very fine lines, small characters and tricky halftones. It's oil-less, too, which means that you can write on them and attach sticky notes.

SPECIAL APPLICATIONS

- **Proof copy function** – check a trial set and make any necessary copy adjustments before outputting the entire volume
- **Colour stamp function** – stamps page numbers, the date or text such as 'CONFIDENTIAL' in up to four different colours

AT A GLANCE

- ***Quick first copy out time*** *- 8.9 sec. in colour, 6.0 sec. in black and white*
- ***Convenient 100-sheet Reversing Single Pass Feeder (RSPF)*** *makes any scan job easy; even double-sided documents are handled automatically*
- ***Mixed size original copy mode*** *automatically distinguishes documents of mixed sizes*[*1] fed through the RSPF and chooses the appropriate paper*
- ***Enhanced Auto Colour Mode*** *clearly reproduces text even with colour or halftone dots in the background*
- ***Auto Colour Selection*** *– the MX-2600N/MX-3100N will automatically detect colour and black and white documents from multi-page originals by selecting the appropriate mode for each page and then output the copy to match the original*
- ***Electronic sorting and offset stacking*** *for highly productive copying*
- ***Large paper supply*** *of up to 5,600 sheets*
- ***Job Build function*** *– large-volume jobs can be scanned in batches and stored for output as a single job*
- ***Image editing functions*** *– multi-shot (4-in-1/2-in-1), multi-page enlargement, image repeat, mirror image and more*

*[*1] Some restrictions apply when combining paper sizes of different format series.*

AUTO COLOUR SELECTION IN COPYING

Original with colour and black & white pages

Distinguishes colour and black & white pages

Outputs colour pages in Colour Mode and black & white pages in Black & White Mode

SETTING NEW STANDARDS FOR **COLOUR, QUALITY** AND **PERFORMANCE**

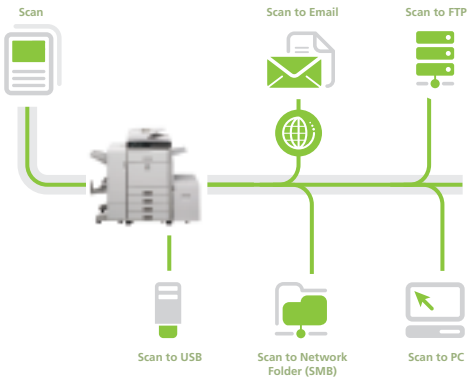
50 OPM
SCAN SPEED

SCAN TO **EMAIL, NETWORK, PC, FTP** OR **USB**

EFFORTLESS COLOUR NETWORK **SCANNING**

Scanning is not only easier and more versatile with the new MX-2600N/MX-3100N, but with a speed as high as 50 originals per minute (at 200 x 200 dpi), it's faster too. What's more, the 100-sheet Reversing Single Pass Feeder (RSPF) easily handles batches of mixed documents - even in a combination of colour, black and white, and mixed sizes up to A3. Just load them and go.

Once you've scanned your documents into digital files you can send them wherever you want. Just browse through the email address book (support for LDAP Lightweight Directory Access Protocol allows easy browsing of email addresses), select your recipients and click to send. Alternatively, you can send scanned files directly to a PC, Network Folder (SMB), Email, FTP server or even to a USB memory stick.



AT A GLANCE

- ***Full-colour scanning*** *to your PC, e-mail recipients, FTP servers, network folders (SMB) or USB memory devices*
- ***Scan speed of max. 50 originals per minute****[*1]* *– black & white and colour*
- ***Mixed-size original scanning*** *automatically accommodates documents of different sizes[*2] through the RSPF*
- ***Auto Colour Selection*** *– if a multi-page original contains both colour and black and white pages, the MX-2600N/MX-3100N selects colour or black and white modes accordingly*
- ***Compatible with Network TWAIN-compliant applications*** *(pull scan)*
- ***Includes Sharpdesk***™ *document management software*
- ***Lightweight Directory Access Protocol (LDAP)*** *allows easy browsing of e-mail addresses for rapid distribution of scanned documents, as well as automatic synchronisation with your primary e-mail server*
- ***Various scanned file formats*** *– XPS, TIFF, PDF, encrypted PDF, JPEG*
- ***Easy text entry*** *– preset frequently used e-mail subject titles or messages for easy one-touch entry or directly enter text using the retractable keyboard*

*[*1] 50 originals per minute scanned at 200 x 200 dpi.*

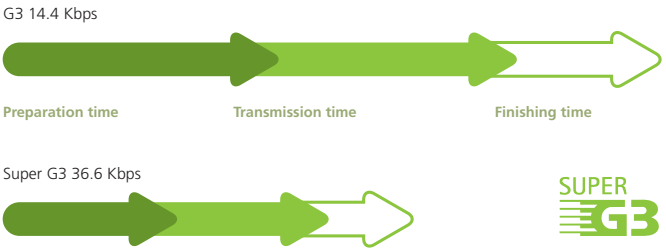
*[*2] Some restrictions apply when combining paper sizes of different format series.*

33,600 BPS
SUPER G3 FAX

DUPLEX
FAXING

VERSATILE FAX WITH CHOICE OF TRANSMISSION

There's no need to take up space with a separate fax machine; with an optional fax expansion kit installed on the MX-2600N/MX-3100N, everyone in your office can send faxes quickly and easily. Paper documents can be scanned and sent over ultra-fast 33,600 bps Super G3 fax, or you can send digital documents directly from your PC with the PC-Fax/PC-Internet Fax function. And that's not all.



AUTOMATED FAX FINISHING

A built-in duplex module saves resources by automatically printing inbound faxes on both sides of the page; you can set the machine to automatically make copies for distribution, and if you have the optional finisher installed it will even staple multi-page faxes to keep them organised.

AT A GLANCE

- ***Extremely versatile*** *– send or receive single or double-sided faxes up to A3 in size*
- ***Saves time*** *– Super G3/JBIG compression for extra speed*
  – on-line transmission reduces total operation time
  – 100-sheet Reversing Single Pass Feeder (RSPF) enhances efficiency
- ***Rapid transmission*** *– register up to 999 frequently used numbers and dial with one-touch operation*
- ***Paperless faxing with inbound routing*** *lets you check incoming faxes via e-mail and print only what you need*
- ***Dependable*** *– flash memory prevents data loss in a power failure*
- ***Duplex faxing*** *– scan and send both pages of two-sided documents and print incoming faxes onto both sides of paper*
- ***Internet fax*** *– send and receive faxes over the Internet with other ITU-T T-37 compliant machines without worrying about costs*
- ***PC-Fax/PC-Internet Fax*** *– send data directly from a PC to a fax machine without printing to paper*
- ***Fax thumbnail*** *– to preview incoming faxes*

Note: Faxing and Internet faxing are available in black & white only.

THUMBNAIL VIEW

EASY ACCESS

EFFICIENT FILING FOR **FASTER** WORKFLOWS

Document management can now be more efficient than ever, thanks to an internal hard disk for storing documents and previous jobs. Documents can be retrieved in moments and entire print runs can be repeated without recreating the job. Features include:

QUICK FILING WITH TEMPORARY STORAGE
Up to 1,000 files or 1,700 pages*[1] that have been copied, printed, scanned or faxed*[2] can be stored on the hard disk for future use without having to reload or rescan the original.

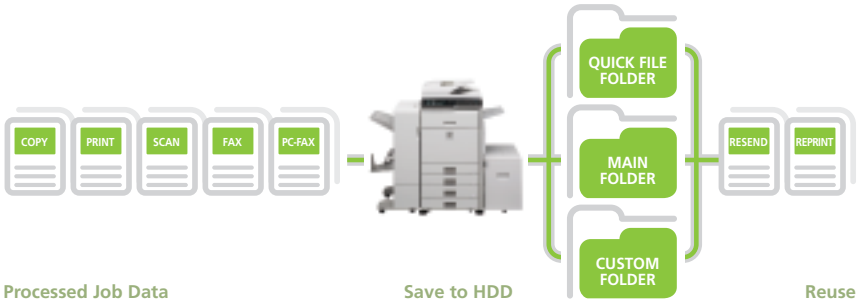
ADVANCED FILING FOR LONG-TERM STORAGE
Save up to 3,000 files or 5,500 pages*[1] in as many as 1,000 folders with customised names and locations, and protect them from unauthorised access with Sharp's advanced security features. Storage options include:

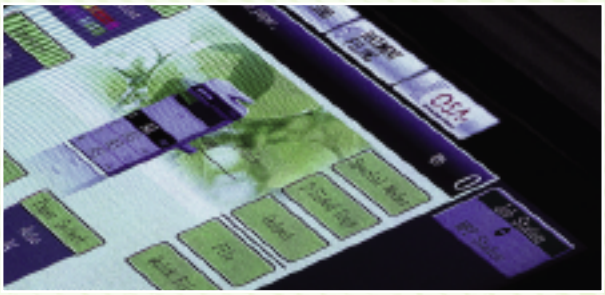
- Main Folder - for storing files in a central location for convenient workgroup sharing
- Custom Folder – for storing confidential data in password-protected private folders

Easy Access
Documents that are stored on the MX-2600N/MX-3100N's hard disk can be accessed either directly from the MFP's control panel or from across the network via a web page. Image Preview enables the first page of the stored file to be viewed as a thumbnail on the LCD panel prior to printing.

Secure Storage
With the optional Data Security Kit installed, all of the data that goes through the MX-2600N/MX-3100N hard disk is automatically encrypted, giving you total protection from unauthorised access.

*[1] Measured using Sharp's standard chart (A4 with 6% coverage, black and white). The Quick File Folder shares the HDD with the Job Build function; up to 12GB of data storage is available when using both functions. The storage capacity is less for colour pages.
*[2] For fax and internet fax jobs, only transmitted data (not received faxes) can be saved in the Document Filing function.





POWERFUL UTILITY SOFTWARE

EASY DOCUMENT MANAGEMENT WITH SHARPDESK™

Sharpdesk document management software gives you and your colleagues a powerful, desktop-based, document management system that's capable of handling more than 200 different file formats.

It lets you browse, sort, search and share files with anyone on the network, as well as giving you the ability to create new documents that combine scanned data with files created in popular office applications such as Microsoft® Word. Features include:

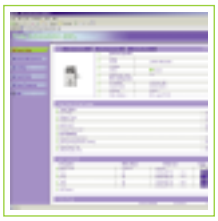
- Intuitive desktop display features **thumbnail** viewing
- Sharpdesk Imaging provides **annotation** tools for paper-free proofreading
- Sharpdesk **Composer** combines different types of files into a single document
- **Optical character recognition** converts documents into editable text files
- **Output zone** distributes files to e-mail, printers and other applications
- **File search** allows searching by file name, keyword or thumbnail

Sharp OSA® (Open Systems Architecture)

You can enhance the productivity of the MX-2600N/MX-3100N still further thanks to Sharp OSA (Open Systems Architecture), which lets 3rd party developers directly integrate the MFP with your business applications. There are three Sharp OSA modules:

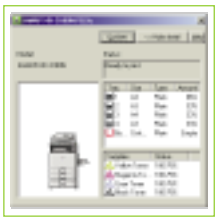
- Application Integration Module (MX-AMX1) – lets users add data to scanned documents before sending them directly to applications for processing and archiving.
- Application Communication Module (MX-AMX2) – lets remote applications create, configure, and execute scanning and printing jobs on the MFP.
- External Account Module (MX-AMX3) – tracks usage by individuals and workgroups and restricts usage according to individual access rights.

Advanced Device and Job Management



Web Based PAU

- Sharp's acclaimed Printer Administration Utility makes printer networks easier to manage by allowing network administrators to customise monitored items and view settings, such as the IP address, directly from their PC through a standard Web browser.



Printer Status Monitor

- Before even starting a job and without leaving your desk, the Printer Status Monitor lets you check the status of the MX-2600N/MX-3100N – to see if it has sufficient paper and toner, for instance – through a simple, icon-base graphical interface on your PC desktop. It also lets you know when your job has been completed and is ready for collection.

Job Status Screen

- Whether printing or copying, the Job Status Screen on the control panel displays a list of all jobs to give you an at-a-glance view of the jobs in progress and the position of your job in the queue.

USER
AUTHENTICATION

TOTAL
DATA SECURITY

INDUSTRY-LEADING MULTI-LAYER SECURITY

The MX-2600N/MX-3100N safeguards sensitive data with powerful encryption technology and advanced security functions that provide multiple levels of network and data security.

Document Control Function

Document Control*1 prevents the unauthorised copying, scanning, faxing and filing of confidential documents by adding copy-prevention data to a document when it is first copied or printed. If someone subsequently tries to make a copy of the document, the MX-2600N/MX-3100N detects this data and will cancel the job or output a blank page.*2

*1 *Requires optional Data Security Kit. Document Control Function may not work for certain types of documents and paper*

*2 *May result in the output of a blank page if paper has already been fed for the job before the MX-2600N/MX-3100N detects the copy prevention data*

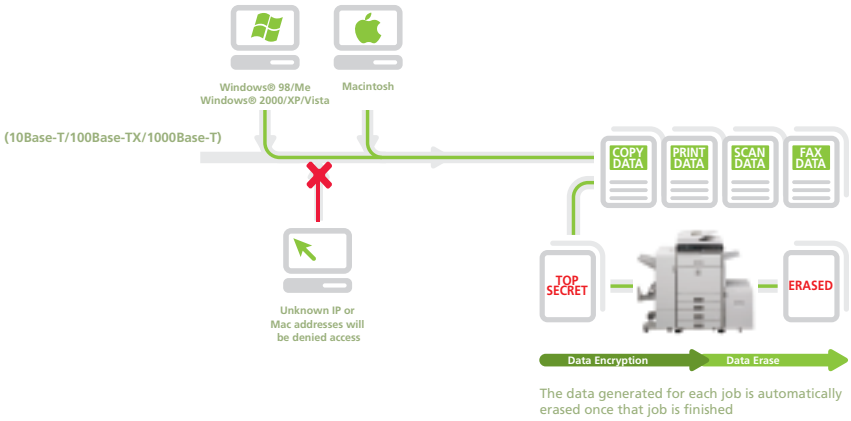
Data Security Kit

Digital copiers, printers and MFPs can retain hundreds of pages of confidential information from previous jobs on their hard disks or internal memory. To safeguard this information from unauthorised access, the optional Data Security Kit automatically encrypts the data or securely erases it on completion of the job, as well as data stored both on the hard disk and in the address book.

AT A GLANCE

- ***Data Security Kit*** **1 encrypts data on the hard disk and internal memory, removing it safely and completely after use*
- ***Document Control*** **1 prevents unauthorised copying, scanning, faxing and filing*
- ***Encrypted PDF with password protection*** *prevents unauthorised viewing of confidential image data *1*
- ***Secure Network Card*** *provides network port and protocol management, as well as a firewall that prevents direct connection and access by unauthorised users*
- ***Confidential data storage and printing*** *protects sensitive information by requiring the user to enter a PIN code before the documents are produced*
- ***Secure Sockets Layer (SSL)*** *encrypts data communications to prevent data leakage through the network*
- ***User authentication*** *requires logging into the machine with passwords for machine access and IEEE802.1X*
- ***Secure data storage for Document Filing*** **1 - All data that goes through the hard disk is encrypted, while passwords used in the Advanced Filing function ensure solid security*3.*

**3 Password Protection is available as standard. Encryption is optional.*



The data generated for each job is automatically erased once that job is finished

FINISHING OPTIONS

CONNECTIVITY OPTIONS

MX-2600N/MX-3100N
OPTIONS

FINISHING

1. MX-FNX9 Finisher
A3 to B5 (offset/staple), A3W to A5R*1 (non offset)
Offset tray (upper): max. 500-sheet paper capacity*2
Stapling capacity: max. 50-sheet multi-position staple*2
Staple position: 3 locations (front, rear or 2 point stitching)

Optional Punch Module for MX-FNX9:
MX-PNX1A – 2 Hole Punch Module
MX-PNX1C – 4 Hole Punch Module
MX-PNX1D – 4 Hole Wide Punch Module

2. MX-FN10 Saddle Stitch Finisher

A3 to B5 (offset/staple), A3W to A5R*1 (non offset)
Offset tray (upper): max. 1,000-sheet paper capacity*2
Stapling capacity: max. 50-sheet multi-position staple*2
Staple position: 3 locations (front, rear or 2 point stitching)
Saddle stitch tray (lower): 10 sets (11-15 sheets), 15 sets (6-10 sheets), 20 sets (1-5 sheets). 15 sheets max per set.

Optional Punch Module for MX-FN10
MX-PNX5A – 2 Hole Punch Module
MX-PNX5C – 4 Hole Punch Module
MX-PNX5D – 4 Hole Wide Punch Module

3. MX-RBX3 Paper Pass Unit
Required when using MX-FN10

4. MX-TRX1 Exit Tray Unit

*1 Except A5R.
*2 A4 or smaller, 80 gsm.
*3 Available at a later date.

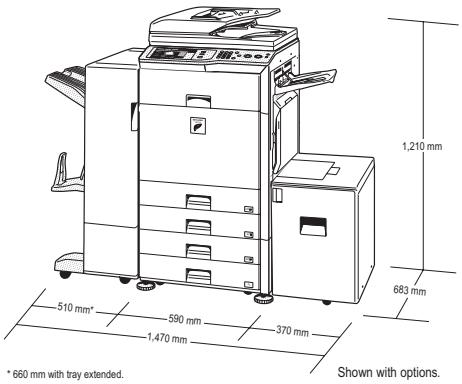
BASE UNIT

5. MX-DEX7 Stand with 2 x 500 Sheet Paper Drawers
A3 to B5R, 500 sheets each (80 gsm) for lower and upper trays

6. MX-DEX6 Stand with 500 Sheet Paper Drawer
A3 to B5R, 500 sheets (80 gsm)

7. MX-DKX3/W Cabinet

8. MX-LCX1 3,500 Sheet Large Capacity Tray
A4 or B5, 3,500 sheets (80 gsm)



* 660 mm with tray extended.

Shown with options.

CONNECTIVITY BOARD

MX-KBX1 Keyboard
MX-SMX3 Expanded Memory Board (1GB)

PRINTING

MX-PX1 PS3 Expansion Kit
Enables PostScript printing
MX-PUX1 XPS Expansion Kit
(Additional 1GB of memory is required)
AR-PF1 Barcode Font Kit

FAXING

9. MX-FXX2 Fax Expansion Kit
Super G3 fax module
MX-FWX1 Internet Fax Expansion Kit

SCANNING

AR-SU1 Stamp Unit
Marks already scanned documents for checking

SHARPDESK™ LICENSES

MX-USX1 x 1 user
MX-USX5 x 5 users
MX-US10 x 10 users
MX-US50 x 50 users
MX-USA0 x 100 users

SECURITY

MX-FR10U Data Security Kit Commercial Version
MX-FR10 Data Security Kit Common Criteria Certified*3

SHARP OSA®

MX-AMX1 Application Integration Module
MX-AMX2 Application Communication Module
MX-AMX3 External Account Module

SETTING NEW STANDARDS FOR **COLOUR, QUALITY** AND **PERFORMANCE**

SPECIFICATIONS

MX-2600N/MX-3100N
Digital Full Colour Multifunctional System

General

Engine speed (max) *1	A4, portrait	A3
MX-2600N Colour ppm/cpm	26	13
B/W ppm/cpm	26	13
MX-3100N Colour ppm/cpm	31	14
B/W ppm/cpm	31	14
Paper size	Max. A3 wide, Min. A5R	
Paper weight	Tray: 60g/m²–209g/m² (including duplex)	
	Bypass: 55g/m²–256g/m²	
Paper capacity	Standard: 1,100 sheets (two 500-sheet trays and 100-sheet multi-bypass tray),	
	Maximum: 5,600 sheets (four 500-sheet trays, 100-sheet multi-bypass tray and	
	3500-sheet large capacity tray)	
Warm-up time	Less than 60 sec.	
Memory	[Copier] Standard 1GB; Maximum 2GB	
	[Printer] Standard 512MB; Maximum 1.5GB; 80GB HDD*2	
Power requirements	Rated local AC voltage ±10%, 50/60 Hz	
Power consumption (max.)	1.84 kW (200 to 240V)	
Dimensions (W x D x H)	620 x 695 x 950 mm	
Weight	Approx. 112 kg	

Copier

Original paper size	Max. A3
First copy time*3	Full colour: 8.9 sec., B/W: 6.0 sec.
Continuous copy	Max. 999 copies
Resolution (Max)	600 x 600 dpi (colour and B/W)
Gradation	Equivalent to 256 levels
Zoom range	25 to 400% (25 to 200% using RSPF) in 1% increments
Preset copy ratios	10 ratios (5R/5E)

Network Scanner*4

Scan method	Push scan (via operation panel), Pull scan (with TWAIN-supporting application)
Resolution	Push scan: 100, 200, 300, 400, 600 dpi
	Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi, 50 to 9600 dpi, custom
File formats	XPS, PDF, Encrypted PDF, JPEG, TIFF
Scanner utilities	Sharpdesk™
Scan destinations	Scan to e-mail, desktop, FTP server, network folder (SMB), USB memory

Document Filing

Document filing capacity	Main and custom folders: 38GB, 5,500 pages*5 or 3,000 files
	Quick file folder: 12GB, 1,700 pages*5 or 1,000 files"
Stored jobs	Copy, print, direct print, scan, fax transmission*6
Storage folders	Quick folder, main folder, custom folder (max. 1000 folders)
Confidential storage	Password protection

Network Printer

Resolution	1200 x 1200 dpi	
	600 x 600 dpi	
Interface	USB 2.0:	High-speed
	10Base-T/100Base-TX/1000Base-T	
Supported OS*7	Standard: Windows NT® 4.0 SP5 or later, Windows® 98/ME, Windows® 2000,	
	Windows™ server 2003, Windows® XP, Windows Vista®	
	Optional: Mac OS 9.2.2, Mac OS X 10.2.8, 10.3.9, 10.4.11, 10.5 - 10.5.1	
Network protocols*7	TCP/IP (IPv4 & IPv6), IPX/SPX (Netware), NetBEUI, EtherTalk (AppleTalk)	
Printing protocols	LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP,	
	Novell Printserver application with NDS and Bindery,	
	FTP for downloading print files, EtherTalk printing, IPP	
PDL emulation	Standard: PCL 6/5c	
	Option*8: PS3 emulation	
Available fonts	80 fonts for PCL, 136 fonts for PS3 emulation*8	

B/W Facsimile (optional MX-FXX2 required)

Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time	Less than 3 seconds*9
Modem speed	33,600 bps to 2,400 bps with automatic fallback
Transmission resolution	Standard: 203.2 x 97.8 dpi, Extra Fine: 406.4 x 391 dpi
Recording width	A3 to A5
Memory	8MB flash memory
Grey scale levels	Equivalent to 256 levels

**1 Copy mode: When copying same document continuously on portrait A4 plain paper in non-offset mode. Print mode: When printing same document continuously on portrait A4 plain paper in non-offset mode, excluding processing time. *2 1GB = One billion bytes when referring to hard drive capacity. Actual formatted capacity is less. *3 When feeding A4 sheets from paper tray. *4 Optional MX-FWX1 required for Internet fax and PC-Internet fax transmission. *5 Measured using Sharp's standard chart (A4 with 6% coverage, B/W). The Quick Folder shares memory with the Job Build function; up to 12GB of data storage is available when using both functions. The storage capacity will be less for colour pages. *6 Optional MX-FXX2 required. *7 Optional MX-PKX1 required for Mac OS and EtherTalk. *8 MX-PKX1 required. *9 Based on Sharp's standard chart with approx. 700 characters (A4 portrait) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.*

SHARP

Sharp Electronics (UK) Ltd.,
4 Furzeground Way, Stockley Park,
Uxbridge, Middlesex, UB11 1EZ.

Telephone: 0800 1385051

Website: www.sharp.co.uk

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